



ELSEVIER

Aquaculture 196 (2001) 439–440

www.elsevier.nl/locate/aqua-online

Aquaculture

Contents of *Aquaculture*, Volume 196

VOL. 196 NOS. 1–2

1 MAY 2001

Diseases, Parasites and Predators

- Standardization of the bioencapsulation of enrofloxacin and oxytetracycline in *Artemia franciscana* Kellogg, 1906
 B. Gomez-Gil, J. Cabanillas-Ramos, S. Paez-Brambila and A. Roque (Mazatlán Sinaloa, Mexico) 1
- Use of indirect conductimetry to establish predictive no effect concentrations of oxytetracycline and oxolinic acid in aquatic sediments
 A. O'Reilly and P. Smith (Galway, Ireland) 13
- First isolation and pathogenicity studies with *Pseudomonas anguilliseptica* from diseased European eel *Anguilla anguilla* (L.) in The Netherlands
 O.L.M. Haenen and A. Davidse (Lelystad, Netherlands) 27
- Pathogenicity of *Vibrio parahaemolyticus* in tiger prawn *Penaeus monodon* Fabricius: possible role of extracellular proteases
 P.S. Sudheesh (Chennai, India) and H.-S. Xu (Qingdao, People's Republic of China) 37
- Comparative susceptibility of Arctic char (*Salvelinus alpinus*), rainbow trout (*Oncorhynchus mykiss*) and brown trout (*Salmo trutta*) to the Scottish isolate of infectious salmon anaemia virus
 M. Snow, R.S. Raynard and D.W. Bruno (Scotland, UK) 47

Husbandry and Management

- Settlement of tehuelche scallop, *Aequipecten tehuelchus* D'Orb., larvae on artificial substrata in San Matías Gulf (Patagonia, Argentina)
 M.A. Narvarte (Río Negro, Argentina) 55

Nutrition

- Replacement of fish meal in diets for Australian silver perch, *Bidyanus bidyanus* IV. Effects of dehulling and protein concentration on digestibility of grain legumes
 M.A. Booth, G.L. Allan, J. Frances and S. Parkinson (New South Wales, Australia) 67
- Assessment of differently processed feed pea (*Pisum sativum*) meals and canola meal (*Brassica* sp.) in diets for blue shrimp (*Litopenaeus stylirostris*)
 L.E. Cruz-Suarez, D. Ricque-Marie, M. Tapia-Salazar (Monterrey, Mexico), I.M. McCallum and D. Hickling (Winnipeg, Manitoba, Canada) 87
- Preliminary nutritional evaluation of Mucuna seed meal (*Mucuna pruriens* var. *utilis*) in common carp (*Cyprinus carpio* L.): an assessment by growth performance and feed utilisation
 P. Siddhuraju and K. Becker (Stuttgart, Germany) 105
- Changes in tissue concentrations of the vitamins B1 and B2 during reproductive cycle of bivalves Part 1: The scallop *Pecten maximus*
 C. Segueineau, C. Saout, Y.-M. Paulet (Plouzané, France), M.-L. Muzellec (Plougastel Daoulas, France), C. Quéré, J. Moal and J.-F. Samain (Plouzané, France) 125
- Changes in tissue concentrations of the vitamins B1 and B2 during reproductive cycle of bivalves Part 2: The Pacific oyster *Crassostrea gigas*
 C. Segueineau, H. Migaud, C. Quéré, J. Moal and J.-F. Samain (Plouzané, France) 139

Physiology and Endocrinology

Critical partial pressures of oxygen causing precocious hatching in <i>Coregonus lavaretus</i> and <i>C. albula</i> embryos P. Czerkies, P. Brzuzan, K. Kordalski and M. Luczynski (Olsztyn-Kortowo, Poland)	151
Influence of daylength on the age at first maturity and somatic growth in male sea bass (<i>Dicentrarchus labrax</i> , L.) L. Rodríguez, S. Zanuy and M. Carrillo (Castellón, Spain)	159
The effects of salinity and added substrates on growth and survival of <i>Metapenaeus monoceros</i> (Decapoda: Penaeidae) post-larvae M. Kumlu, O.T. Eroldogan (Adana, Turkey) and B. Saglamtimur (Mersin, Turkey)	177
Enhanced transport of calcein into rainbow trout, <i>Oncorhynchus mykiss</i> , larvae using cavitation level ultrasound A.N. Bart (Baltimore, MD, USA), G.A. Kindschi (Bozeman, MT, USA), H. Ahmed (Baltimore, MD, USA), J. Clark, J. Young (Bethesda, MD, USA) and Y. Zohar (Baltimore, MD, USA)	189
Book Reviews	199

VOL. 196 NOS. 3-4**15 MAY 2001****Special Issue: Annual Review of Fish Diseases Volume 8**

Foreword	v
--------------------	---

Introduction

Development of draft protocols of standard reference methods for antimicrobial agent susceptibility testing of bacteria associated with fish diseases D.J. Alderman (Weymouth, UK) and P. Smith (Galway City, Ireland)	211
Antimicrobial susceptibility data and new animal drug approval in the United States: a historical overview T.A. Bell (Rockville, MD, USA)	245
Accuracy, precision and meaning of antimicrobial agent susceptibility testing of bacteria associated with fish diseases P. Smith (Galway, Ireland)	253
Selection of media for antimicrobial susceptibility testing of fish pathogenic bacteria I. Dalsgaard (Frederiksberg, Denmark)	267
International harmonization of antimicrobial sensitivity determination for aquaculture drugs R.A. Schnick (La Crosse, WI, USA)	277
Clinical relevance of Minimum Inhibitory Concentrations (MICs) E. Branson (Gwent, UK)	289
Current inoculation methods in MIC determination P. Christofilogiannis (Athens, Greece)	297
Sampling for antimicrobial sensitivity testing: a practical consideration M.D. Furones (Tarragona, Spain)	303
Minimal inhibitory concentration methodology in aquaculture: the temperature effect C. Michel (Jouy-en-Josas, France) and G. Blanc (Nantes, France)	311
Effects of sea water on the activity of antimicrobial agents used in aquaculture; implications for MIC testing B.T. Lunestad and O.B. Samuelsen (Bergen, Norway)	319
Resistance of <i>Yersinia ruckeri</i> to antimicrobial agents in vitro C.J. Rodgers (Tarragona, Spain)	325
Finfish health in the United States (1609-1969): historical perspective, pioneering researchers and fish health workers, and annotated bibliography A.J. Mitchell (Stuttgart, AR, USA)	347
Contents of <i>Aquaculture</i> , Volume 196	439

